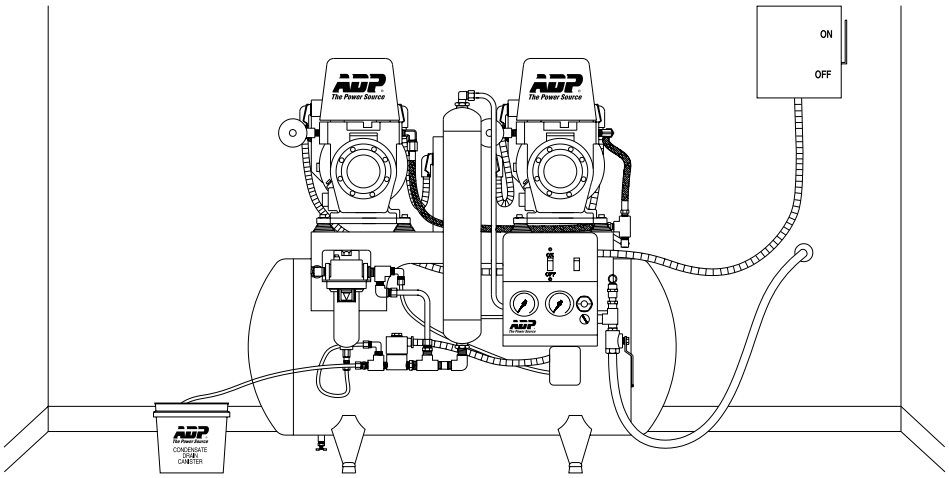
Installation Instructions

Lubricated Air Compressor



Description

Apollo Air Compressors have been tested and approved by various regulatory test agencies. The following list contains Apollo File Numbers that may be helpful if questions arise regarding installation inspections.

Underwriter's Laboratories (cUL) ..... File Number: MH13627
U.S. Food and Drug Administration (FDA) ..... File Number: 2937927

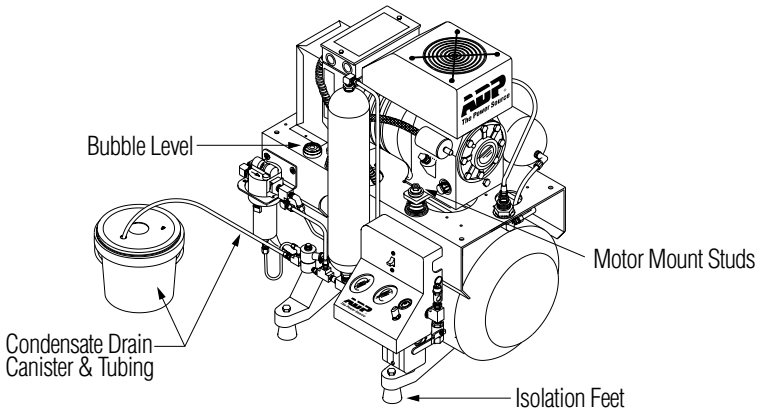
This dental compressor should only be installed by qualified personnel. Should any questions arise during the installation, call Apollo Technical Support between the hours of 6:00 a.m. to 4:00 p.m. (Pacific Standard Time).

Installation

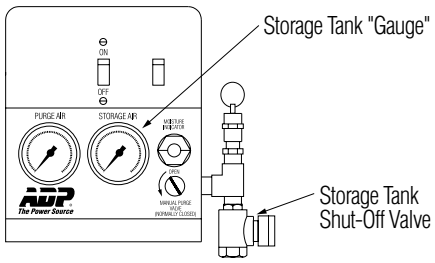
Place the compressor in a clean, dry, well ventilated area, on a solid, level surface. Consider sound level and insulate as needed. Be sure that adequet ventilation is available as the compressor is air cooled. Ambient temperature in the equipment room should be within the temperature range of 40 degrees Fahrenheit minimum to 100 degrees Fahrenheit maximum.

1. Remove cardboard shipping carton.
2. Remove compressor from shipping skid. If necessary, remove motor platform by disconnecting the air flex hose, electrical conduit and the shipping platform bolts. (See Figure 1)
3. Remove installation kit attached to pallet. It should contain the following:

   (4) Isolation Feet
   (1) Bottle(s) of Apollo Compressor Oil (1 Per Head)
   (1) Condensate Drain Canister Kit
   (1) 6' Flexible Hose
4. Loosen the two front self-locking nuts on motor mount studs, unscrew.
5. Install isolation feet on tank legs.
6. Remove shipping tape from spring-hinged oil filler cap(s).
7. Move compressor into place and level by observing bubble level on saddle.
8. Install flexible hose to office air supply line.
9. Install Condensate Drain Canister tubing to "tee" fitting below drying tower (Desiccant Models), or install 1/4" poly-flow tubing from bottom of Ultrair Filter (Standard Models) for sewer drain connection.
10. **Wiring Instructions:**
    (A) Using the open conduit connection provided, connect field wiring: **See specification chart on next page**.



Model	Voltage	Amperage	KVA	Recommended Breaker Size
Single Head Compressor				
ALC-SL12	208-230	5.2	1.20	20
ALC-SL11	115	10.2	1.17	20
ALC-SL22	208-230	7.2	1.66	20
ALC-SL21	115	13.8	1.58	20
Twin Head Compressor				
ALC-TL32	208-230	10.4	2.40	20
ALC-TL31	115	20.4	2.35	30
ALC-TL42	208-230	14.4	3.32	20
ALC-TL41	115	27.6	3.17	40
Triple Head Compressor				
ALC-RL62	208-230	21.6	3.17	30
Quad Head Compressor				
ALC-QL82	208-230	28.8	6.64	40



Start-Up

1. Make sure the shut-off valve from the storage tank is closed.
2. Turn power **"On"**. Compressor should run quietly and the storage tank should begin to pressurize.
3. The compressor will run until the storage tank gauge registers 100 PSI. The compressor will then automatically shut-off by means of the preset pressure switch.
4. Using soapy water, check the compressor plumbing joints for leaks that may have arose due to shipment.
5. Pressure test the office air system piping for leaks. Use the storage tank pressure gauge to monitor line pressure drop. Open the shut-off valve slowly and allow air to flow into the office air system. When the office air line has pressurized, after twenty (20) to thirty (30) seconds, note the storage pressure gauge reading. After ten (10) minutes, check the storage tank gauge reading. If the storage pressure gauge registers a lower reading, an air leak exists. Locate the leak(s) and repair.

Seal All Air Leaks!

Air Leaks Are The Main Cause Of Compressor Failures!

6. Be sure to complete and mail or fax in the warranty card for the compressor within ten (10) days of installation to effect warranty.